



Receipt  
#4 &

Docket No.: 52352-483

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of

Raj N. MASTER, et al.

Serial No.: 09/922,936

Filed: August 07, 2001

Group Art Unit: 2811

Examiner: Unassigned

For: CONTROLLED AND PROGRAMMED DEPOSITION OF FLUX ON THE FLIP-CHIP  
DIE BY SPRAYING

**REQUEST FOR CORRECTED FILING RECEIPT**

Commissioner for Patents  
Washington, DC 20231

Sir:

Attached is a copy of the Filing Receipt received from the U.S. Patent and Trademark Office in the above-referenced application. It is noted that the Residency of the Inventors is incorrect on the Filing Receipt. Attached is a copy of the Combined Declaration/Power of Attorney being filed concurrently herewith, which evidences that the Residence of the First, Second, and Third Inventors should read: SAN JOSE, CA. The Residence of the Fourth Inventor should read: SINGAPORE, MALAYSIA. It is requested that a corrected Filing Receipt be issued.

Respectfully submitted,

MCDERMOTT, WILL & EMERY

John A. Hankins

Registration No. 32,029

600 13<sup>th</sup> Street, N.W.  
Washington, DC 20005-3096  
(202) 756-8000 JAH:ykg  
**Date: November 1, 2001**  
Facsimile: (202) 756-8087



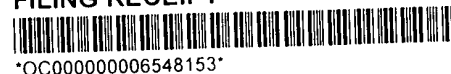
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O I P E J C T  
UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D. C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/922,936 ✓	08/07/2001 ✓	2811	0.00	52352-483	5 ✓	30 ✓	2 ✓

CONFIRMATION NO. 9521

## FILING RECEIPT



\*OC000000006548153\*

MCDERMOTT, WILL & EMERY  
600 13th Street, N.W.  
Washington, DC 20005-3096

Date Mailed: 09/13/2001

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

~~Residence Not Provided;~~ **SAN JOSE, CA**  
~~Residence Not Provided;~~ **SAN JOSE, CA**  
~~Residence Not Provided;~~ **SAN JOSE, CA**  
~~Residence Not Provided;~~ **SINGAPORE, MALAYSIA**

## Domestic Priority data as claimed by applicant

THIS APPLN CLAIMS BENEFIT OF 60/227,285 08/24/2000 ✓

## Foreign Applications

If Required, Foreign Filing License Granted 09/12/2001

Projected Publication Date: To Be Determined - pending completion of Missing Parts

Non-Publication Request: No

Early Publication Request: No

## Title

Controlled and programmed deposition of flux on a flip-chip die by spraying ✓

## Preliminary Class

257

Data entry by : SARWARI, HOMA

Team : OIPE

Date: 09/13/2001



**LICENSE FOR FOREIGN FILING UNDER**  
**Title 35, United States Code, Section 184**  
**Title 37, Code of Federal Regulations, 5.11 & 5.15**

**GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

**NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

**PLEASE NOTE the following information about the Filing Receipt:**

- The articles such as "a," "an" and "the" are not included as the first words in the title of an application. They are considered to be unnecessary to the understanding of the title.
- The words "new," "improved," "improvements in" or "relating to" are not included as first words in the title of an application because a patent application, by nature, is a new idea or improvement.
- The title may be truncated if it consists of more than 500 characters (letters and spaces combined).
- The docket number allows a maximum of 25 characters.
- If your application was submitted under 37 CFR 1.10, your filing date should be the "date in" found on the Express Mail label. If there is a discrepancy, you should submit a request for a corrected Filing Receipt along with a copy of the Express Mail label showing the "date in."
- The title is recorded in sentence case.

Any corrections that may need to be done to your Filing Receipt should be directed to:

Assistant Commissioner for Patents  
Office of Initial Patent Examination  
Customer Service Center  
Washington, DC 20231

Docket No.: 52352-483



#3

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Raj N. MASTER, et al.

Serial No.: 09/922,936

Filed: August 07, 2001

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Group Art Unit: 2811

Examiner: Unassigned

For: CONTROLLED AND PROGRAMMED DEPOSITION OF FLUX ON THE FLIP-CHIP  
DIE BY SPRAYING

**RESPONSE TO NOTICE  
OF MISSING PARTS OF APPLICATION**

Box Missing Parts  
Commissioner for Patents  
Washington, DC 20231

Sir:

In response to the Notice of Missing Parts of Application dated September 13, 2001,  
submitted herewith are the following documents for filing in the above-referenced application:

1. Declaration and Power of Attorney (which is in compliance with 37 CFR 1.63)
2. Statutory Basic filing fee of \$710.00
3. Late Filing Fee Surcharge of \$130.00
4. Additional Claims Fee of \$180.00
5. Request For Corrected Filing Receipt
6. Assignment



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PATENT TRADEMARK OFFICE

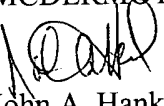
09/922,936

Please charge Deposit Account No. 500417 in the amount of \$1,020.00. Please charge any shortage in fees due in connection with the filing of this paper to Deposit Account 500417 and please credit any excess fees to such deposit account.

It is requested that the official filing receipt now be issued.

Respectfully submitted,

MCDERMOTT, WILL & EMERY

  
John A. Hankins  
Registration No. 32,029

600 13<sup>th</sup> Street, N.W.  
Washington, DC 20005-3096  
(202) 756-8000 JAH:ykg  
**Date: November 1, 2001**  
Facsimile: (202) 756-8087

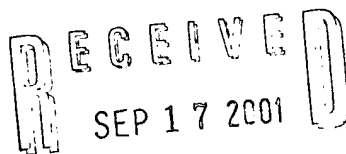


UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/922,936	08/07/2001	Raj N. Master	52352-483

MCDERMOTT, WILL & EMERY  
600 13th Street, N.W.  
Washington, DC 20005-3096



McDermott, Will & Emery  
DC Office

CONFIRMATION NO. 9521

## FORMALITIES LETTER



\*OC000000006548154\*

Date Mailed: 09/13/2001

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 710 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).*
- Total additional claim fee(s) for this application is \$180.
  - \$180 for 10 total claims over 20.
- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 1020.**

*A copy of this notice **MUST** be returned with the reply.*

  
Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

11/02/2001 HAHHE1 00000021 500417 09922936

01 FC:101	740.00 CH
02 FC:105	130.00 CH
03 FC:103	180.00 CH